



PCT

## RAW SEQUENCE LISTING

DATE: 09/29/2004

PATENT APPLICATION: US/10/508,892

TIME: 16:13:10

Input Set : A:\LEA 35 944.ST25.txt

Output Set: N:\CRF4\09292004\J508892.raw

3 <110> APPLICANT: Golz, Stefan  
 4 Bruggemeier, Ulf  
 5 Weingartner, Bernhard  
 7 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with  
 8 Neuropeptide FF Receptor 1 (NPFF1)  
 10 <130> FILE REFERENCE: Le A 35 944  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/508,892  
 C--> 12 <141> CURRENT FILING DATE: 2004-09-22  
 12 <150> PRIOR APPLICATION NUMBER: PCT/EP03/02685  
 13 <151> PRIOR FILING DATE: 2003-03-14  
 15 <150> PRIOR APPLICATION NUMBER: EP 02006654.4  
 16 <151> PRIOR FILING DATE: 2002-03-26  
 18 <160> NUMBER OF SEQ ID NOS: 5  
 20 <170> SOFTWARE: PatentIn version 3.3  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 1293  
 24 <212> TYPE: DNA  
 25 <213> ORGANISM: Homo sapiens  
 27 <400> SEQUENCE: 1  
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 32 cctgtggcgg ccatgttcat tgtggcctat gcgctcatct tctgtctctg catgggtgggc 180  
 34 aacaccctgg tctgtttcat cgtgctcaag aaccggcaca tgcatactgt caccaacatg 240  
 36 ttcacacctca acctggctgt cagtgaacctg ctgggtgggca tcttctgcat gccaccacc 300  
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 42 aggttccgct gcatcgtgca cctttccgc gagaagctga cctgcgga ggcgctcgtc 480  
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 46 accgtcaccc gtgaggagca ccacttcatg gtggacgccc gcaaccgctc ctacctctc 600  
 48 tactcctgct gggaggcctg gcccgagaag ggcatgcgca ggggtctacac cactgtgctc 660  
 50 ttctcgcaca tctacctggc gccgctggcg ctcatcgtgg tcatgtacgc ccgcatcgcg 720  
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 73 <210> SEQ ID NO: 2  
 74 <211> LENGTH: 430

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75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 2
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81 1 5 10 15
84 Gln Asn Gly Thr Asn Thr Glu Ala Thr Pro Ala Thr Asn Leu Thr Phe
85 20 25 30
88 Ser Ser Tyr Tyr Gln His Thr Ser Pro Val Ala Ala Met Phe Ile Val
89 35 40 45
92 Ala Tyr Ala Leu Ile Phe Leu Leu Cys Met Val Gly Asn Thr Leu Val
93 50 55 60
96 Cys Phe Ile Val Leu Lys Asn Arg His Met His Thr Val Thr Asn Met
97 65 70 75 80
100 Phe Ile Leu Asn Leu Ala Val Ser Asp Leu Leu Val Gly Ile Phe Cys
101 85 90 95
104 Met Pro Thr Thr Leu Val Asp Asn Leu Ile Thr Gly Trp Pro Phe Asp
105 100 105 110
108 Asn Ala Thr Cys Lys Met Ser Gly Leu Val Gln Gly Met Ser Val Ser
109 115 120 125
112 Ala Ser Val Phe Thr Leu Val Ala Ile Ala Val Glu Arg Phe Arg Cys
113 130 135 140
116 Ile Val His Pro Phe Arg Glu Lys Leu Thr Leu Arg Lys Ala Leu Val
117 145 150 155 160
120 Thr Ile Ala Val Ile Trp Ala Leu Ala Leu Leu Ile Met Cys Pro Ser
121 165 170 175
124 Ala Val Thr Leu Thr Val Thr Arg Glu Glu His His Phe Met Val Asp
125 180 185 190
128 Ala Arg Asn Arg Ser Tyr Pro Leu Tyr Ser Cys Trp Glu Ala Trp Pro
129 195 200 205
132 Glu Lys Gly Met Arg Arg Val Tyr Thr Thr Val Leu Phe Ser His Ile
133 210 215 220
136 Tyr Leu Ala Pro Leu Ala Leu Ile Val Val Met Tyr Ala Arg Ile Ala
137 225 230 235 240
140 Arg Lys Leu Cys Gln Ala Pro Gly Pro Ala Pro Gly Gly Glu Glu Ala
141 245 250 255
144 Ala Asp Pro Arg Ala Ser Arg Arg Arg Ala Arg Val Val His Met Leu
145 260 265 270
148 Val Met Val Ala Leu Phe Phe Thr Leu Ser Trp Leu Pro Leu Trp Ala
149 275 280 285
152 Leu Leu Leu Leu Ile Asp Tyr Gly Gln Leu Ser Ala Pro Gln Leu His
153 290 295 300
156 Leu Val Thr Val Tyr Ala Phe Pro Phe Ala His Trp Leu Ala Phe Phe
157 305 310 315 320
160 Asn Ser Ser Ala Asn Pro Ile Ile Tyr Gly Tyr Phe Asn Glu Asn Phe
161 325 330 335
164 Arg Arg Gly Phe Gln Ala Ala Phe Arg Ala Arg Leu Cys Pro Arg Pro
165 340 345 350
168 Ser Gly Ser His Lys Glu Ala Tyr Ser Glu Arg Pro Gly Gly Leu Leu
169 355 360 365

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172 His Arg Arg Val Phe Val Val Val Arg Pro Ser Asp Ser Gly Leu Pro
173      370      375      380
176 Ser Glu Ser Gly Pro Ser Ser Gly Ala Pro Arg Pro Gly Arg Leu Pro
177 385      390      395      400
180 Leu Arg Asn Gly Arg Val Ala His His Gly Leu Pro Arg Glu Gly Pro
181      405      410      415
184 Gly Cys Ser His Leu Pro Leu Thr Ile Pro Ala Trp Asp Ile
185      420      425      430
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189 <211> LENGTH: 25
190 <212> TYPE: DNA
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194 caccttctcc tctactatc agcac
197 <210> SEQ ID NO: 4
198 <211> LENGTH: 19
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202 <400> SEQUENCE: 4
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209 <213> ORGANISM: Homo sapiens
211 <400> SEQUENCE: 5
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/508,892

DATE: 09/29/2004

TIME: 16:13:11

Input Set : A:\LEA 35 944.ST25.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date